

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re National Phase PCT Application of

Johannes BAUR et al.

Int'l PCT Appln. No.: PCT/DE2003/003157

Int'l Filing Date: 23 September 2003

For: Radiation-Emitting Semiconductor  
Component and Method for the  
Production thereof

Check box if applicable:

☐ DUPLICATE

**INFORMATION DISCLOSURE STATEMENT**

S I R:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO/SB/08a. Copies of the listed non-U.S. documents are enclosed.

DE 102 44 986 A1 corresponds to US published application no. 2004/0119085 A1.

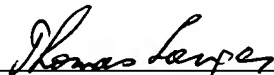
It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO/SB/08a be returned indicating that such information has been considered.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise

indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

If any fees or charges are deemed required at this time in connection with the application, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By:   
Thomas Langer  
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Dated: March 30, 2005

10/529625

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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JC13 Rec'd PCT/PTO 30 MAR 2005

|   |                        |                          |               |
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| Substitute for Form 1449/PTO  |                        | <b>Complete if Known</b> |               |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |                        | Application Number       |               |
|   |                        | Filing Date              |               |
|   |                        | First Named Inventor     | Johannes BAUR |
|   |                        | Art Unit                 |               |
|   |                        | Examiner Name            |               |
| Sheet 1 of 1  | Attorney Docket Number | 5367-159PUS              |               |

| U.S. PATENT DOCUMENTS |                       |  |                                |  |   |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                       |                       | Number-Kind-Code <sup>2</sup> (if known) |                                |  |   |
|                       |                       | US-5,087,949                             | 02/11/1992                     | Haitz  |   |
|                       |                       | US-5,187,547                             | 02/16/1993                     | Niina et al.                                       |   |
|                       |                       | US-2004/0119085 A1                       | 06/24/2004                     | Bader et al.                                       |   |
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|                       |                       | US-                                      |                                |  |   |
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|                       |                       | US-                                      |                                |  |   |
|                       |                       | US-                                      |                                |  |   |
|                       |                       | US-                                      |                                |  |   |
|                       |                       | US-                                      |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |  |                                |  |   |                |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup><br>Kind-Code <sup>5</sup> (if known) |                                |  |   |                |
|                          |                       | JP 62025472 A  | 02/03/1987                     | Matsui   |   | Abstract       |
|                          |                       | DE 102 44 986 A1   | 04/08/2004                     | Hahn   |   |                |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Attorney Docket # 5367-159PUS

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Patent

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Mail Stop **PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Submitted herewith is a copy of the International Search Report issued in connection with International Application on which the present U.S. National Phase application is based.

Copies of the references cited in the International Search Report have been supplied by WIPO to the USPTO. Therefore, copies of the cited references in the International Search Report are not being provided herewith in accordance with current U.S. practice because they should be on file already at the USPTO.

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Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

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Thomas Langer  
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|   |                        | Art Unit                           |  |
|   |                        | Examiner Name                      |  |
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## U.S. PATENT DOCUMENTS

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|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind-Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US-6,121,636 A                           | 09/19/2000                     | Kawai et al.                                       |   |
|                    |                       | US-5,744,828 A                           | 04/28/1998                     | Nishitani et al.                                   |   |
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|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

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|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup><br>Kind-Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       | WO 02/061847 A2  | 08/08/2002                     | Cree Inc.  |   |                |
|                    |                       | WO 01/61764 A  | 08/23/2001                     | Osram Opto<br>Semiconductors GmbH                  |   |                |
|                    |                       | DE 41 30 878 A   | 03/25/1993                     | Telefunken Electronic                              |   |                |
|                    |                       | DE 25 54 029 A   | 06/10/1976                     | Philips NV   |   |                |
|                    |                       | DE 24 16 098 A   | 10/09/1975                     | Siemens AG   |   |                |
|                    |                       | WO 01/80322 A  | 10/25/2001                     | Osram Opto<br>Semiconductors GmbH                  |   |                |
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|                    |                       | DE 101 39 798 A  | 03/13/2003                     | Osram Opto<br>Semiconductors GmbH                  |   |                |
|                    |                       | WO 03/010817 A   | 02/06/2003                     | Cree Inc.  |   |                |
|                    |                       | DE 102 08 170 A  | 09/11/2003                     | Osram Opto<br>Semiconductors GmbH                  |   |                |
|                    |                       | EP 1 345 276 A   | 09/17/2003                     | Toshiba Electric Co.                               |   |                |
|                    |                       | WO 03/030271 A   | 04/10/2003                     | Osram Opto<br>Semiconductors GmbH                  |   |                |

|                    |                 |
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